Kodak Professional

1400 Digital Photo Printer

Printer Driver Guide

KODAK PROFESSIONAL 1400 Digital Photo Printer

Printer Driver Guide

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Eastman Kodak Company

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Overview

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Overview

Welcome to the online manual for the KODAK PROFESSIONAL 1400 Digital Photo Printer Driver for WINDOWS and MACINTOSH Operating Systems.

You can use the printer driver with the KODAK PROFESSIONAL 1400 Digital Photo Printer (1400 printer). The printer driver provides access to the printer features.

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About the Printer Driver

The printer driver allows the software applications you use to access the printer features. For example, your application determines the page breaks, font selection, and page setup for your print job. The printer driver translates this information into a printer language and sends the job to the printer. The printer driver's graphical user interface gives you access to additional printing options that are not available from your software application.

Access the features for the printer driver from the print and page setup commands in the application you are using.

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Features of the Printer Driver

The printer driver provides the following printing options that are not available directly from your software application:

Color Management

The printer driver lets you choose how to manage the color in your prints. You can make prints using the printer default color and then adjust the color settings in the Color Adjustment dialog box.

System Level Support

The printer driver includes system level support for WINDOWS 2000, WINDOWS XP and MAC OS X Operating Systems.

About the Online Documentation

This user guide is comprised of the following sections:

- Installing the Software—gives you instructions on how to install and remove the printer driver on your computer.
- Using the Printer Driver—describes how to use the printer driver with the 1400 printer.

Click **HELP** at the bottom of the screen for more information on using and printing this manual, or click the tabs to the right to learn more about using the printer driver.

Getting Help or Additional Information

Your dealer of Kodak products is the best source for information about setting up, operating, and obtaining accessories and supplies for your printer. Contact your dealer with any questions.

For more information, refer to the Troubleshooting section in the KODAK PROFESSIONAL 1400 Digital Photo Printer User's Guide.

Go to the Kodak Home page (www.kodak.com) and select Pro Photographer / Lab:

- for service
- for help setting up or operating the printer
- to download printer drivers
- to obtain supplies
- for warranty information
- for information about other Kodak products

For technical support in the US, call 1-800-23KODAK (1-800-235-6325) between 9:00 a.m. and 8:00 p.m. Eastern Standard Time on regular business days.

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Getting Help from Outside the United States and Canada

Help numbers for the Asia/Pacific and European regions are listed below.

Country	Country code	Number
Australia	61	3 9350-1222
Hong Kong	85	2 2564-9333
Indonesia	81	3 5488-2001
Korea	82	2 708-5400
Malaysia	60	3 757-2722
Philippines	63	2 815-8851
Singapore	65	473-6611
Thailand	66	2 271-3040
Taiwan	88	6 2 895-1580

In the European regions a call center will assist you. Help numbers for the call center's customer support teams appear below:

Country	Number
Belgium	2 263-2211
Denmark	8088 2082
Finland	0800 112773
France	0800 903716
Germany	49-(0) 711 406-3434
Hungary	06800 17030
Italy	0800 782764
Netherlands	0800 0228756
Norway	80014898
Poland	0800 4412399
Portugal	0800 880449
Russia	0810 800 21162044
South Africa	0800 990514
Spain	0900 997 116
Sweden	0200 285772
United Kingdom	0800 0158528

Installing the Driver

The printer driver is a KODAK Driver customized for use with the 1400 printer. The following installation instructions assume that you are familiar with MICROSOFT WINDOWS or MACINTOSH Operating Systems and terminology.

Installing the Driver

1. Insert the CD in the CD drive on your computer.
2. Click your language.
3. Click **Printer Driver.**
4. Follow the instructions to install the appropriate driver for your printer.
5. Connect the printer to the computer.
6. Press the POWER switch to turn on the printer.
7. MACINTOSH Operating System only: Click **Adding the Printer** to complete the printer installation.

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Uninstalling the Driver

To uninstall the driver from a WINDOWS computer:

1. Start your WINDOWS computer.
2. Click **Start**.
3. Select **Settings>Printers**.
4. Select the icon for the printer.
5. Select **Delete** from the File menu.

To uninstall the driver from a MACINTOSH computer:

1. Start your MACINTOSH computer.
2. Open Print Center.
3. Highlight **Printer** and click the **Delete** icon.

Using the WINDOWS Printer Driver

This section describes how to use the printer driver to send print jobs to the KODAK PROFESSIONAL 1400 Digital Photo Printer (1400 printer) from your host computer.

NOTE: This section shows WINDOWS 2000 Operating System dialog boxes. The dialog boxes for WINDOWS XP Operating System look similar and have identical functionality.

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Hardware and Software Requirements

We recommend that you have the following hardware and software to use the printer driver:

- PENTIUM III Processor and 128 MB of RAM minimum
- 200 MB of free hard drive space
- Color monitor with a minimum pixel resolution of 800 x 600
- WINDOWS 2000 or WINDOWS XP Operating System
- Available USB port (USB 2.0 preferred)

The USB interface can be used with:

- Computers pre-installed with WINDOWS 2000 or WINDOWS XP Operating System
- Computers installed with WINDOWS 2000 or WINDOWS XP Operating System that are USB-guaranteed by the manufacturer

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Using the Print Options

Use the Printer Properties dialog box to select print options.

Changing Printer Properties from an Application

1. In your application, select **Print** from the File menu.
2. Click **Properties** in the Print dialog box.

NOTE: In some applications, click **Setup** to access the Printer Properties dialog box.

3. Select options from the tabs in the dialog box.
4. Click **Print** in your application.

Options on the Paper Tab

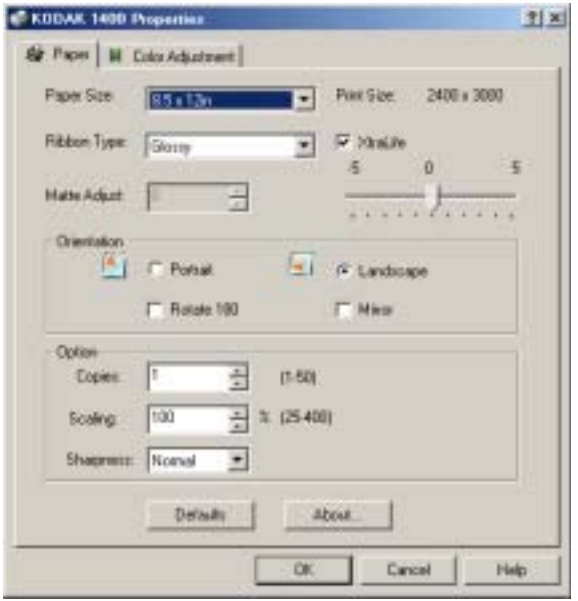
You can select the following options on the Paper tab:

Paper Size—allows you to select the paper size for the print job. Allows you to select from 8.5 x 12 in., 8.5 x 14 in., or A4.

Ribbon type—allows you to select the ribbon to be used for the print job. Select from Glossy or Matte.

XtraLife—(recommended) checking this box adds a protective overcoat to the print.

NOTE: Refer to Working with Paper in the KODAK PROFESSIONAL 1400 Digital Photo Printer User's Guide for a complete listing of paper, ribbon, and image sizes.



Orientation

Portrait—vertically orients the print

Landscape—horizontally orients the print

Rotate 180°—rotates the print 180°

Mirror—reverses the print producing a mirror image

Option

Copies—allows you to set the number of prints

Sharpness—allows you to select from None, Normal, or High image enhancement to improve the sharpness of the print

Scaling—scales a print by a specified percentage

Defaults—restores the driver default settings

About—lists the software version of the printer driver

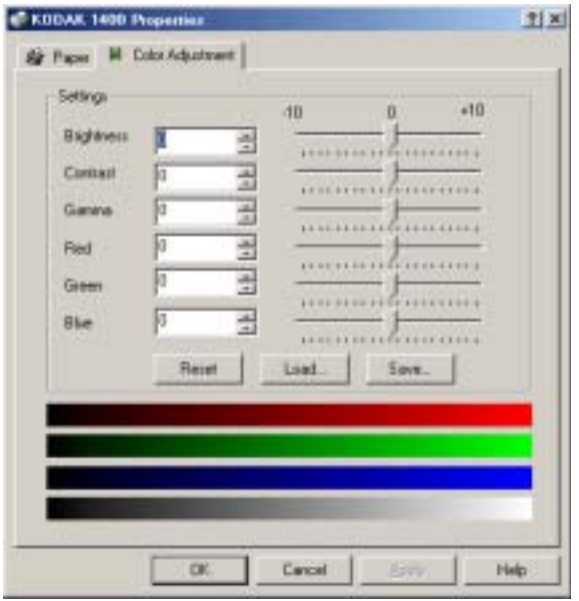
OK—saves your selections, and closes the dialog box

Cancel—cancels your selections, and closes the dialog box

Apply—saves your selections without closing the dialog box

Options on the Color Adjustment Tab

You can adjust the color of your print using the Color Adjustment tab.



Brightness—adjusts the relative lightness or darkness

Contrast—adjusts the relationship between the light areas, midtones, and dark areas

Gamma—adjusts the lightness or darkness of the midtones

Red—adds or subtracts red

Green—adds or subtracts green

Blue—adds or subtracts blue

Reset—resets all the settings to 0

Load—opens a dialog box that allows you to locate a document containing saved settings that can be applied to the current print

Save—opens a dialog box that allows you to save the settings to a file

OK—saves your selections, and closes the dialog box

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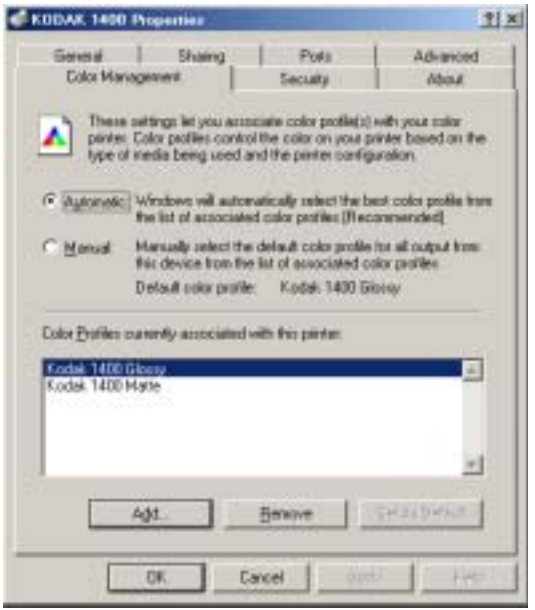
Cancel—cancels your selections, and closes the dialog box

Apply—saves your selections without closing the dialog box

Using the Color Management Tab

You can select Color Profiles using the Color Management tab.

1. In WINDOWS Explorer, navigate to the Printers folder.
2. Right-click the driver for the 1400 printer and select **Properties**.
3. Click the **Color Management** tab.
4. Select from the following options:



Automatic—computer selects the Color Profiles automatically

Manual—allows you to select the Color Profiles manually

Add—adds the Color Profiles

Remove—removes the selected Color Profile

Set as default—allows manual selection of the default profile (Manual mode only)

OK—accepts your changes, and closes the dialog box

Cancel—discards your changes and closes the dialog box

Apply—saves your selections without closing the dialog box

Using the MACINTOSH Printer Driver

This section describes how to use the printer driver to send print jobs to the KODAK PROFESSIONAL 1400 Digital Photo Printer (1400 printer) from your computer.

NOTE: This section shows MAC OS X version 10.3 screens.

Hardware and Software Requirements

We recommend that you have the following hardware and software to use the printer driver:

- MACINTOSH G3, G4 and 128 MB of RAM minimum
- 200 MB of free hard drive space
- Color monitor with a minimum pixel resolution of 800 x 600
- MAC OS X 10.2.6 or greater
- Available USB port (USB 2.0 preferred)

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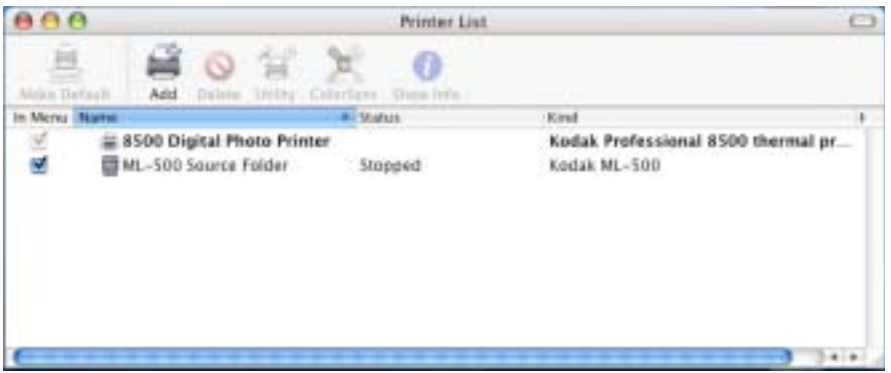
Adding the Printer

Before you can use the printer driver, you must add the printer to the list of available printers.

1. Launch Printer Setup Utility (Applications / Utilities / Printer Setup Utility).
2. Click the **Add** button.



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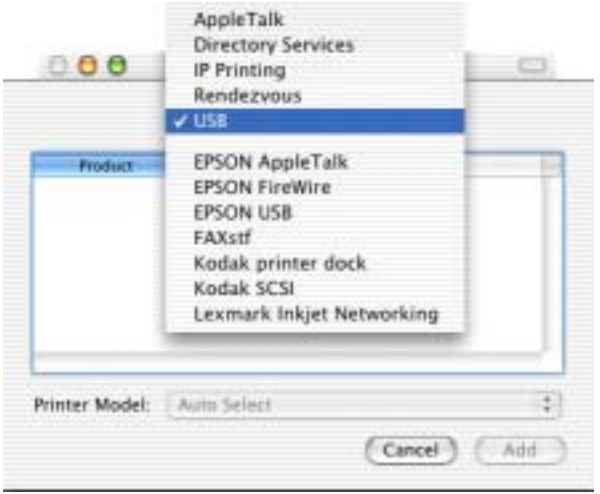
3. Select the USB connection type.



4. Click the printer name, then click the **Add** button.

The 1400 printer appears in the list of printers installed in Printer Setup Utility.

Setting up the Page

1. In your application, select **Page Setup** from the File menu.

2. Next to **Format for**, select **1400 Digital Photo Printer**.

IMPORTANT: Choose the 1400 printer before selecting other options. Initially, "any printer" is selected.

3. Change options as described. See Page Setup Options.

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Page Setup Options

Settings—Select Page Attributes, Custom Page Size, or Summary. Page Attributes displays the dialog box shown on the previous page. Summary displays a list of your current settings. We do not recommend that you use Custom Page Size.

Format for—Select the 1400 printer here, then select other options. Initially, "any printer" is selected.

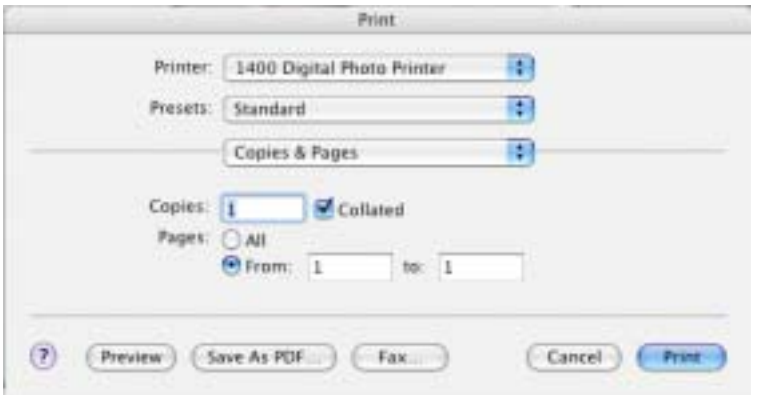
Paper Size—Select the paper size for the print job. Select from 8.5 x 12 in., 8.5 x 14 in., or A4.

Orientation—Select whether the print is vertical or rotated 90° clockwise or counterclockwise on the page.

Scale—Specify a percentage to scale the print.

Printing

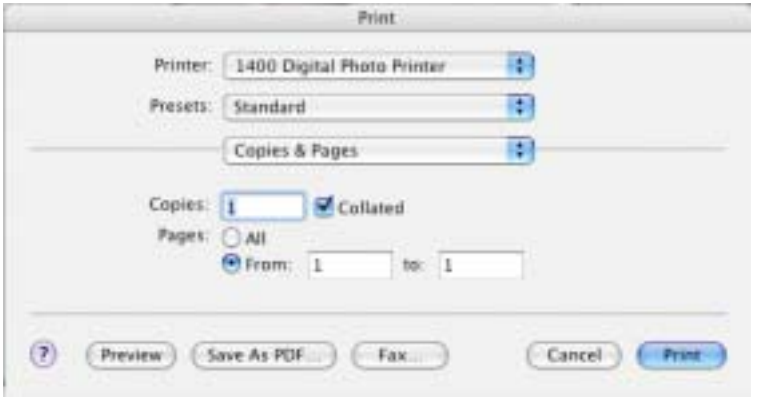
1. In your application, select **Print** from the File menu.



2. Change options, as described. See Print Options.
   The changes will be reflected in the printed document.
3. Select **Print**.

Print Options

Options Available on All Print Dialog Boxes



Regardless of the option you select, the following options appear:

Printer—Select the 1400 printer.

Presets—You can save and name your preferred print options as a preset. Select one of the following: Standard (default options), Save As (to save and name your options as a preset), or a previously saved preset.

Print Options—See below.

- Select a print option from the Print dialog box.

Dialog boxes for the selected options appear, as described on the following pages.

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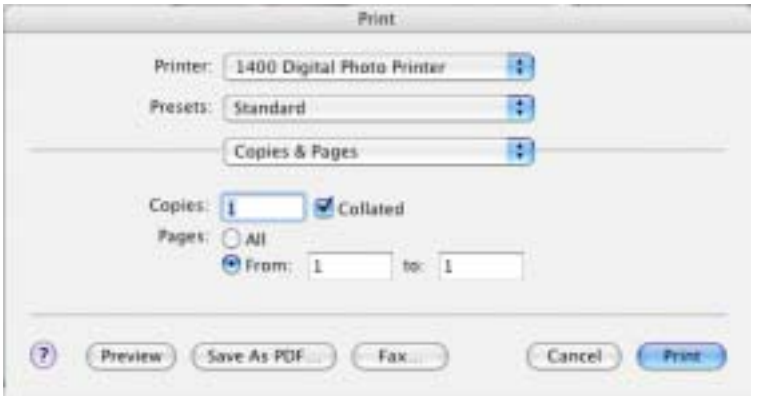

- Select the number of copies, check if you want the pages collated, and select the pages to be printed.

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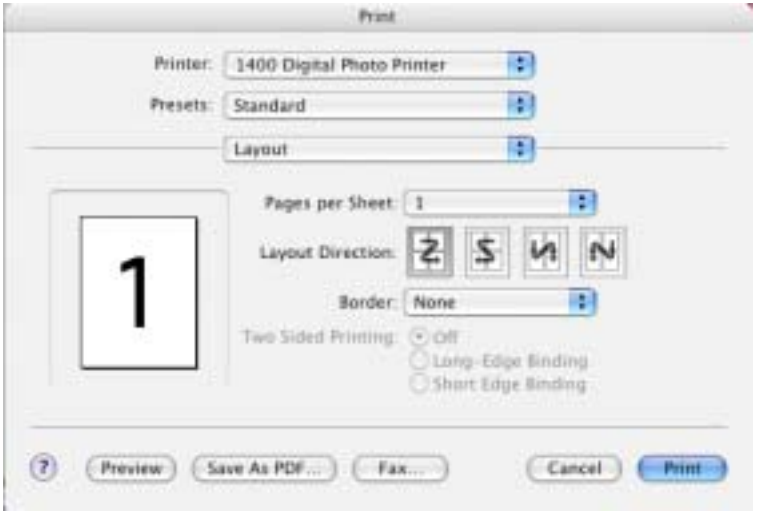

- Select the number of pages per sheet, the layout direction, and the type of border.

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- Check if you want to save output to a file. Select the file type.

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- Select the time for the printer to start printing.

- Select the print order for a multi-page job.

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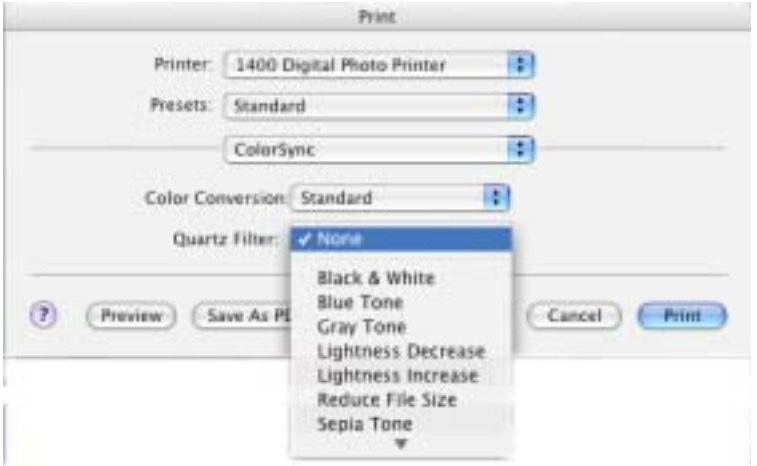

- Select a Quartz Filter to change the image look.

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Choose from the following:

Ribbon type—Select Glossy or Matte ribbon to be used for the print job.

XtraLife—Adds a protective overcoat to the print.

Matte Adjust—Select the matte level. This option is only available when you have selected the Matte ribbon type. Increase the matte level to decrease gloss. Decrease the matte level to increase gloss.

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Sharpness—Select from None, Normal, or High to improve the sharpness of the document.

Adjust Color—See Adjusting Color.

Defaults—Restores the driver default settings.

Rotate 180—Rotates the print 180°.

Mirror—Reverses the print producing a mirror image.

Adjusting Color

The Color Adjustment dialog box appears. Choose from the following options to adjust the color of your prints:

Brightness—adjusts the relative lightness or darkness.

Contrast—adjusts the relationship between light areas, midtones, and dark areas.

Gamma—adjusts the lightness or darkness of the midtones.

Red—adds or subtracts red.

Green—adds or subtracts green.

Blue—adds or subtracts blue.

Reset—resets all settings to 0.

Load—opens a dialog box that allows you to locate a document that contains saved settings that can be applied to the current print.

Save—opens a dialog box that allows you to save the settings to a file.

OK—accepts your changes, and closes the dialog box.

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Summary

View a summary of current options.

Search

You can search the active manual for desired information. This function is executed through the search utilities of ADOBE ACROBAT.

To search within the active manual:

1. Click the find tool in the toolbar to open the Find dialog box.
2. Enter the word or phrase you want to find.
3. Click **Find** to begin the search.
   The first occurrence of the word or phrase is highlighted.

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Help

This online manual links you to topics within this manual. You can also print the manual. Refer to the following procedures for help navigating and printing the document.

Navigating

Use the links within the windows as well as standard Adobe Acrobat tools to navigate the manual. For more information about the tools, see the Adobe Acrobat documentation.

Identifying the Active Section

The tabs on the right side of your window identify the sections. The active section is shown as a white tab with a yellow arrow.

Opening Sections

To open a different section, click the desired tab.

Following a Link

Cross-referenced information is identified with blue text. To view the referenced information, click the blue text.

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Browsing

You can also browse through the manual using the browse buttons in the toolbar at the top of the window.

Displays the next page

Displays the previous page

Displays the first page of the manual

Displays the last page of the manual

Printing

To print, select **Print** from the File menu. Complete the dialog box and send the print request.

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Magnifying

Some of the images are better viewed at a larger magnification. To change the view magnification, use the controls in the toolbar, or click and drag in the page with the zoom tool.

Use of the Toolbar View Buttons

Click one of the three page view buttons on the toolbar to change the magnification of the page.

Actual size

Fits in window

Fits width of window

Using the Zoom Buttons

You can use the zoom buttons to zoom in or zoom out of an area on the page.

To magnify an area, click the zoom tool and draw a rectangle around an area on the page.

To reduce the magnification of an area, click the zoom out tool and click the area of the page to zoom out.

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